

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits   | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------------------|------------------|---------|------------------|
| S1    | 15576  | 428/34.1 or 428/323 or 220/574.3 or 264/511 or 428/35.7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:31 |
| S2    | 1      | "10580102"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:31 |
| S3    | 97457  | biodegradable   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:57 |
| S4    | 90257  | bowl  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:57 |
| S5    | 311564 | starch  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:57 |
| S6    | 907    | S3 and S4 and S5  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:57 |
| S7    | 33511  | (polylactic or polyglycolic) adj acid                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:58 |
| S8    | 22287  | polycaprolactone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:58 |
| S9    | 434    | ester adj starch  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:58 |
| S10   | 84693  | cellulose adj acetate                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:58 |
| S11   | 1560   | polybutylene adj succinate                              | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:58 |
| S12   | 181869 | polyvinyl adj alcohol                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:59 |
| S13   | 129753 | S7 or S8 or S9 or S10 or S11                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:59 |
| S14   | 403538 | corn or potato or wheat or rice or tapioca              | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND              | OFF     | 2008/09/02 14:59 |

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| S15 | 90629  | S14 near2 starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/02<br>14:59 |
| S16 | 4699   | pulp adj fiber   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/02<br>14:59 |
| S17 | 22     | S6 and S16   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/02<br>15:00 |
| S18 | 3      | "7132463"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/02<br>15:45 |
| S19 | 36     | "5393804"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>14:50 |
| S20 | 3      | "2002160910"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:48 |
| S21 | 3      | "20020160910"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:49 |
| S22 | 0      | "200367737"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:52 |
| S23 | 37138  | starch and preservative  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:54 |
| S24 | 145228 | sorbate or (potassium adj sorbate) or (sodium benzoate) or (sodium propionate) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:55 |
| S25 | 16420  | S23 and S24  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:55 |
| S26 | 3956   | S25 and biodegradable  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:55 |
| S27 | 2441   | S26 and (container or package or bowl)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:55 |
| S28 | 6501   | broadleaf or (broad adj leaf)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:57 |
| S29 | 187    | S28 and pulp and fiber and powder  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:57 |
| S30 | 149    | S29 and starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/04<br>15:57 |

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| S31 | 5045   | fiber adj powder   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/05<br>10:09 |
| S32 | 37138  | starch and preservative  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:10 |
| S33 | 145228 | sorbate or (potassium adj sorbate) or (sodium benzoate) or (sodium propionate)         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:10 |
| S34 | 16420  | S32 and S33  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:10 |
| S35 | 3956   | S34 and biodegradable  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:10 |
| S36 | 2441   | S35 and (container or package or bowl)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:10 |
| S37 | 29     | S31 and S36  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/05<br>10:10 |
| S38 | 37375  | sorbate or (potassium adj sorbate) or (sodium adj benzoate) or (sodium adj propionate) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:20 |
| S39 | 83     | S38 and S31  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:20 |
| S40 | 72     | S39 and starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:20 |
| S41 | 19570  | S38 and starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:22 |
| S42 | 8101   | S41 and (container or package or bowl)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:22 |
| S43 | 1760   | S42 and biodegradable  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:22 |
| S44 | 403894 | corn or potato or wheat or rice or tapioca   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:23 |
| S45 | 1567   | S43 and S44  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:23 |
| S46 | 863    | S45 and "%"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>10:27 |

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| S47 | 273     | biodegradable and (bowl or package or container) and (biodegradable adj film) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:30 |
| S48 | 500     | biodegradable and (bowl or package or container) and (biodegradable adj film) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON  | 2008/09/05 10:30 |
| S49 | 33588   | (polylactic or polyglycolic) adj acid   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:32 |
| S50 | 22327   | polycaprolactone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:32 |
| S51 | 435     | ester adj starch  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:32 |
| S52 | 84784   | cellulose adj acetate   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:32 |
| S53 | 1563    | polybutylene adj succinate  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:32 |
| S54 | 129923  | S49 or S50 or S51 or S52 or S53   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 10:32 |
| S55 | 2491    | "I2" and S54  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON  | 2008/09/05 10:32 |
| S56 | 314     | S48 and S54   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON  | 2008/09/05 10:33 |
| S57 | 196     | S56 and starch  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON  | 2008/09/05 10:54 |
| S58 | 1232931 | vacuum  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 12:46 |
| S59 | 500     | biodegradable and (bowl or package or container) and (biodegradable adj film) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON  | 2008/09/05 12:46 |
| S60 | 33588   | (polylactic or polyglycolic) adj acid   | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 12:46 |
| S61 | 22327   | polycaprolactone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 12:46 |
| S62 | 435     | ester adj starch  | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | OFF | 2008/09/05 12:46 |

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| S63 | 84784  | cellulose adj acetate  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>12:46 |
| S64 | 1563   | polybutylene adj succinate   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>12:46 |
| S65 | 129923 | S60 or S61 or S62 or S63 or S64                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>12:46 |
| S66 | 314    | S59 and S65  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/05<br>12:46 |
| S67 | 196    | S66 and starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/05<br>12:46 |
| S68 | 132    | S58 and S67  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/05<br>12:46 |
| S69 | 97608  | biodegradable  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>14:24 |
| S70 | 933    | S69 adj film   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>14:24 |
| S71 | 22     | S70 near thickness   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>14:24 |
| S72 | 127062 | S69 or (polylactic adj acid) or polylactic or PLA                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>14:25 |
| S73 | 1231   | S72 adj film   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>14:25 |
| S74 | 65     | S73 near thickness   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>14:26 |
| S75 | 120865 | titanium adj dioxide   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>15:51 |
| S76 | 304514 | (silicon adj dioxide) or (vanadic adj pentoxide) or (tungsten oxide) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>15:52 |
| S77 | 243    | S75 and "I100"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>15:52 |
| S78 | 25646  | S75 and S76  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>15:52 |
| S79 | 5914   | S78 and starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/08<br>15:53 |

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| S80 | 528    | S79 and doped  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/08<br>15:53 |
| S81 | 457    | S80 and (iron or Fe)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/08<br>15:53 |
| S82 | 186385 | (silicon adj dioxide) or<br>(vanadic adj pentoxide)<br>or (tungsten adj oxide) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>16:12 |
| S83 | 19377  | S75 and S82  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>16:13 |
| S84 | 341    | S83 and starch and<br>doped  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>16:13 |
| S85 | 307    | S84 and (iron or Fe)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/08<br>16:14 |
| S86 | 21425  | photocatalyst or (photo<br>adj catalyst)                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:30 |
| S87 | 120898 | titanium adj dioxide   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:33 |
| S88 | 3844   | S86 and S87  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:33 |
| S89 | 186475 | (silicon adj dioxide) or<br>(vanadic adj pentoxide)<br>or (tungsten adj oxide) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:33 |
| S90 | 667    | S88 and S89  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:33 |
| S91 | 4186   | (dope or doped) near3<br>(iron or FE)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:33 |
| S92 | 15     | S90 and S91  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:34 |
| S93 | 0      | (monostearyl adj citrate)<br>near3 (magnesium adj<br>stearate)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:44 |
| S94 | 5      | (monostearyl adj citrate)<br>near3 (magnesium adj<br>stearate)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:44 |
| S95 | 8      | (monostearyl adj citrate)<br>and (magnesium adj<br>stearate)                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2008/09/09<br>10:45 |
| S96 | 9679   | vacuum near molding  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/09<br>11:15 |

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| S97  | 383   | S96 and starch                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | ON  | 2008/09/09<br>11:15 |
| S98  | 18    | S97 and (biodegradable<br>near film)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | ON  | 2008/09/09<br>11:16 |
| S99  | 1     | "11579619"                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2008/09/09<br>15:42 |
| S100 | 2     | "20020082352"                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2008/09/09<br>16:23 |
| S101 | 3     | "11158183"                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2008/09/10<br>09:30 |
| S102 | 0     | S101 and rosin                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2008/09/10<br>09:31 |
| S103 | 36    | "5393804"                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2008/09/13<br>11:57 |
| S104 | 23257 | meg or milliequivalent                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>09:29 |
| S105 | 33518 | meq or milliequivalent                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>09:29 |
| S106 | 2075  | S105 same anion                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>09:30 |
| S107 | 297   | S106 and starch                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>09:30 |
| S108 | 31537 | sodium adj (benzoate or<br>propionate) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:14 |
| S109 | 6284  | S108 same starch                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:14 |
| S110 | 4423  | S109 and preservative                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:14 |

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| S111 | 3770  | S110 and corn   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:15 |
| S112 | 2305  | S111 and (bowl or<br>biodegradable)                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:15 |
| S113 | 16084 | 428/34.1 or 428/323 or<br>220/574.3 or 264/511 or<br>428/35.7 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/03/18<br>14:16 |
| S114 | 0     | S112 and S113   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:16 |
| S115 | 362   | S113 and biodegradable  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:16 |
| S116 | 95504 | corn same starch  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:17 |
| S117 | 3624  | S116 and S110   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:17 |
| S118 | 2247  | S117 and biodegradable  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:17 |
| S119 | 2247  | S118 and water  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:18 |
| S120 | 1551  | S119 and film   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:18 |
| S121 | 8203  | S108 same preservative  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:24 |
| S122 | 2917  | S121 and S116   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:24 |
| S123 | 716   | S122 and biodegradable  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>14:24 |

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|------|---------|--|--|-----|----|---------------------|
| S124 | 29148   | sodium adj benzoate                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:27 |
| S125 | 6182    | S124 same starch                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:27 |
| S126 | 4751    | S125 and S116  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:27 |
| S127 | 1886    | S126 and (bowl or<br>container or package)           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:28 |
| S128 | 1533    | S127 and ((stabilitiy adj<br>agent) or preservative) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:28 |
| S129 | 3551    | sodium adj propionate                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:49 |
| S130 | 567     | S129 and S116  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:49 |
| S131 | 200358  | (stabilitiy adj agent) or<br>preservative            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:50 |
| S132 | 365     | S130 and S131  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:50 |
| S133 | 2486480 | bowl or container or<br>package                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:50 |
| S134 | 223     | S133 and S132  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>14:50 |
| S135 | 1969    | levey  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>15:52 |
| S136 | 0       | S134 and S135  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2009/03/18<br>15:52 |

|      |       |   |  |     |     |                     |
|------|-------|---|--|-----|-----|---------------------|
| S137 | 112   | S135 and starch   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/03/18<br>15:52 |
| S138 | 29214 | titanium same doped   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/03<br>14:47 |
| S139 | 52788 | doped same (vanadium<br>or V or molybdenum or<br>Mo or niobium or Nb) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/03<br>14:47 |
| S140 | 10168 | S138 and S139   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/03<br>14:47 |
| S141 | 2109  | (polybutylene or<br>polyethylene) adj<br>succinate                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/03<br>14:48 |
| S142 | 476   | ester adj starch  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/03<br>14:49 |
| S143 | 91721 | cellulose adj acetate   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/03<br>14:49 |
| S144 | 93952 | S141 or S142 or S143  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/03<br>14:49 |
| S145 | 326   | S140 and S144   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/03<br>14:49 |
| S146 | 29214 | titanium same doped   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>09:16 |
| S147 | 52788 | doped same (vanadium<br>or V or molybdenum or<br>Mo or niobium or Nb) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>09:16 |
| S148 | 10168 | S146 and S147   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>09:16 |
| S149 | 2109  | (polybutylene or<br>polyethylene) adj<br>succinate                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>09:16 |
| S150 | 476   | ester adj starch  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>09:16 |
| S151 | 91721 | cellulose adj acetate   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>09:16 |

|      |         |   |  |     |     |                     |
|------|---------|---|--|-----|-----|---------------------|
| S152 | 93952   | S149 or S150 or S151  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:16 |
| S153 | 326     | S148 and S152   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:16 |
| S154 | 77      | S153 and starch   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:16 |
| S155 | 16633   | 428/34.1 or 428/323 or<br>220/574.3 or 264/511 or<br>428/35.7 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:18 |
| S156 | 19      | S153 and S155   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:18 |
| S157 | 241016  | total adj amount  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:38 |
| S158 | 1       | "10580102"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:39 |
| S159 | 0       | S158 and S157   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:39 |
| S160 | 2535562 | total   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:39 |
| S161 | 1       | S158 and S160   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:39 |
| S162 | 1       | S158 and benzoate   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>09:43 |
| S163 | 16307   | anatase   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>10:37 |
| S164 | 25      | S153 and S163   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>10:37 |
| S165 | 406     | S148 and S163   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>10:38 |
| S166 | 49      | S165 and (starch or<br>S152)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>10:39 |
| S167 | 3       | "20020160910"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>11:04 |
| S168 | 3       | S167 and (titanium or Ti)                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OFF | 2009/09/04<br>11:04 |

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|------|--------|---|--|-----|-----|---------------------|
| S169 | 1      | S158 and (titanium or Ti)                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>11:06 |
| S170 | 3      | S168 and (anatase or rutile)                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>11:07 |
| S171 | 1      | "10580102"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:22 |
| S172 | 1      | S171 and benzoate                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:22 |
| S173 | 1      | S172 and "0.2"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:22 |
| S174 | 39731  | (polylactic or polyglycolic) adj acid                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S175 | 25346  | polycaprolactone  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S176 | 476    | ester adj starch  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S177 | 91721  | cellulose adj acetate                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S178 | 1812   | polybutylene adj succinate                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S179 | 143859 | S174 or S175 or S176 or S177 or S178                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S180 | 16710  | biodegradable and starch and S179                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>13:37 |
| S181 | 16633  | 428/34.1 or 428/323 or 220/574.3 or 264/511 or 428/35.7 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:37 |
| S182 | 118    | S180 and S181   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>13:37 |
| S183 | 2109   | (polybutylene or polyethylene) adj succinate            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:38 |
| S184 | 476    | ester adj starch  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:38 |

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|------|-------|---|--|-----|-----|---------------------|
| S185 | 91721 | cellulose adj acetate                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:38 |
| S186 | 93952 | S183 or S184 or S185                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND | OFF | 2009/09/04<br>13:38 |
| S187 | 6969  | biodegradable and starch<br>and S186    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>13:38 |
| S188 | 57    | S187 and S181                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>13:38 |
| S189 | 3719  | sodium adj propionate                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:00 |
| S190 | 1304  | S189 and starch                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:06 |
| S191 | 740   | S190 and "0.2"                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:06 |
| S192 | 1240  | sodium adj (propionate<br>and benzoate) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:07 |
| S193 | 592   | S192 and starch                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:07 |
| S194 | 0     | S193 and S181                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:07 |
| S195 | 30885 | sodium adj benzoate                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:08 |
| S196 | 1015  | S189 same S195                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:09 |
| S197 | 453   | S196 and starch                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2009/09/04<br>15:10 |

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|------|--------|---|---|-----|-----|------------------|
| S198 | 17313  | 428/34.1 or 428/323 or 220/574.3 or 264/511 or 428/35.7 | US-PGPUB; USPAT; EPO; JPO; DERWENT        | AND | OFF | 2010/03/26 18:40 |
| S199 | 115248 | biodegradable   | US-PGPUB; USPAT; EPO; JPO; DERWENT        | AND | OFF | 2010/03/26 18:40 |
| S200 | 102919 | bowl  | US-PGPUB; USPAT; EPO; JPO; DERWENT        | AND | OFF | 2010/03/26 18:40 |
| S201 | 40     | S198 and S199 and S200                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:40 |
| S202 | 11296  | potassium adj sorbate                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:41 |
| S203 | 15000  | doped same (iron or Fe)                                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:42 |
| S204 | 31343  | titanium same doped                                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:43 |
| S205 | 4548   | S204 and S203   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:43 |
| S206 | 4048   | S204 same S203  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:43 |
| S207 | 260    | S206 and starch   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:43 |
| S208 | 308    | S206 and (biodegradable or starch)                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:44 |
| S209 | 16     | S208 and S202   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:44 |
| S210 | 78     | S208 and container                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON  | 2010/03/26 18:45 |

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|------|------|------------------------------------|---|-----|----|------------------|
| S211 | 6499 | S202 and (biodegradable or starch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:34 |
| S212 | 2586 | S211 and container                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:34 |
| S213 | 1732 | unmodified adj starch              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:36 |
| S214 | 63   | S213 and S202                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:36 |
| S215 | 4346 | preservative same S202             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:38 |
| S216 | 2559 | S215 and starch                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:38 |
| S217 | 1    | S216 and biodegradeable            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:38 |
| S218 | 520  | S216 and biodegradable             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/26 19:39 |
| S219 | 63   | "5525281"                          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/27 11:54 |
| S220 | 7    | S219 and preservative              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/03/27 11:54 |

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